

**AGRICULTURAL NEWS:** Rain during the week improved topsoil moisture conditions in Central and Eastern Kentucky, but producers in these areas still need rain. Heavy rain caused localized flooding in northwest Kentucky at midweek. Cutting hay, setting tobacco, and planting soybeans were major activities this week. **Topsoil moisture** as of Friday, June 4 was rated 19 percent very short, 37 percent short, 39 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 18 percent very short, 36 percent short, 40 percent adequate and 6 percent surplus. Days suitable for fieldwork averaged 4.8 out of a possible six days. Small grain harvest was underway in the southwest areas of the State. Some tobacco will be reset due to dry conditions.

**CORN:** As of Sunday, June 6, planting was almost complete with 98 percent of the crop in the ground, compared with last years 95 percent, and the five-year average of 92 percent. About 94 percent of the planted acreage had emerged, well ahead of last years 83 percent, and the average of 85. Emerged corn was in mostly good condition, with 1 percent very poor, 1 percent poor, 20 percent fair, 56 percent good and 22 percent excellent. Height of the most advanced fields averaged 29 inches statewide, while average height of emerged corn was 15 inches. Disease and pest problems have been limited to this point.

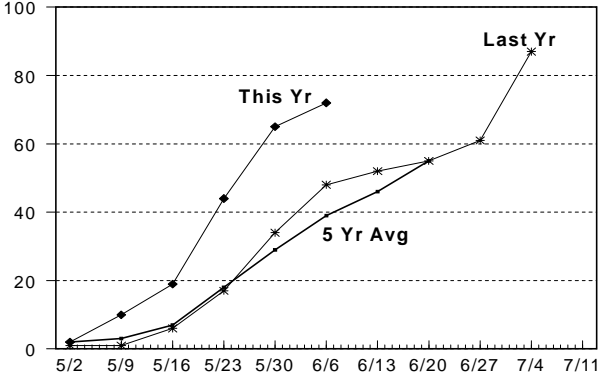
**SOYBEANS:** Most of the single crop beans have been planted. Double crop beans are being planted as the barley and wheat harvests progress. About 72 percent of the crop had been planted as of June 6, compared with 48 percent seeded last year, and the 5-year average of 39. Condition of emerged soybeans was rated 1 percent poor, 18 percent fair, 60 percent good, and 21 percent in excellent condition.

**TOBACCO:** As of Sunday, June 6, 84 percent of the intended **burley** acreage had been set compared with 61 percent a year ago and the average of 56. About 80 percent of the **dark tobacco** acreage was in the ground, compared with 70 percent last year and the average of 67. Eastern Kentucky producers are concerned with dry conditions, and feel some acreage will be reset when moisture conditions improve. Plants for resetting appear to be in good supply. Disease and pest problems seem to be minor except in a few areas. Condition of set tobacco was reported as 1 percent very poor, 5 percent poor, 33 percent fair, 48 percent good, and 13 percent in excellent condition.

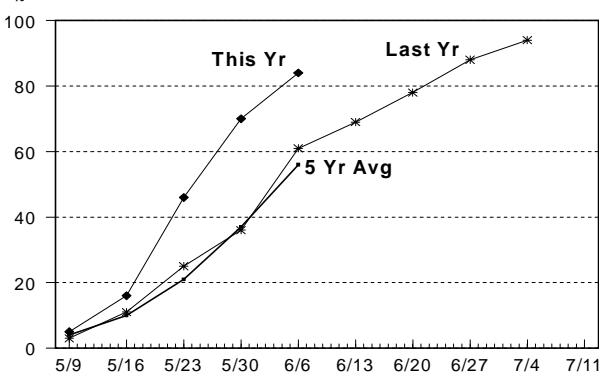
**SMALL GRAINS:** **Barley** harvest is underway in southern Kentucky with nearly half of the harvest completed. **Wheat** harvest is just beginning with few pest and disease problems reported. Lack of moisture may limit yield potential in Eastern Kentucky. As of Friday, June 4 wheat condition was reported as 1 percent very poor, 1 percent poor, 18 percent fair, 58 percent good and 22 percent in excellent condition.

**OTHER CROPS:** Early **hay crops** appear to have good yield and quality. Regrowth is slow where soil moisture has been depleted. **Pastures** are also showing stress from lack of moisture, and were rated 3 percent very poor, 14 percent poor, 32 percent fair, 42 percent good and 9 percent in excellent condition. Sorghum planting is progressing well with almost three quarters of intended acres seeded as of Sunday, June 6. Stock water supplies are becoming a concern in a few areas of Eastern Kentucky, as pond and stream levels are very low for this time of year.

SOYBEAN PLANTING PROGRESS



BURLEY TOBACCO SET PROGRESS



**KENTUCKY CROP PROGRESS**

WEEK ENDING JUNE 6, 1999

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn					
Planted	98	95	92	98	96
Emerged	94	83	85	92	80
Soybeans					
Planted	72	48	39	65	71
Emerged	62	11	9	47	37
Burley Tobacco Set	84	61	56	70	NA
Dark Tobacco Set	80	70	67	77	NA

(NA) Data Not Available

**SOIL MOISTURE**

WEEK ENDING JUNE 4, 1999

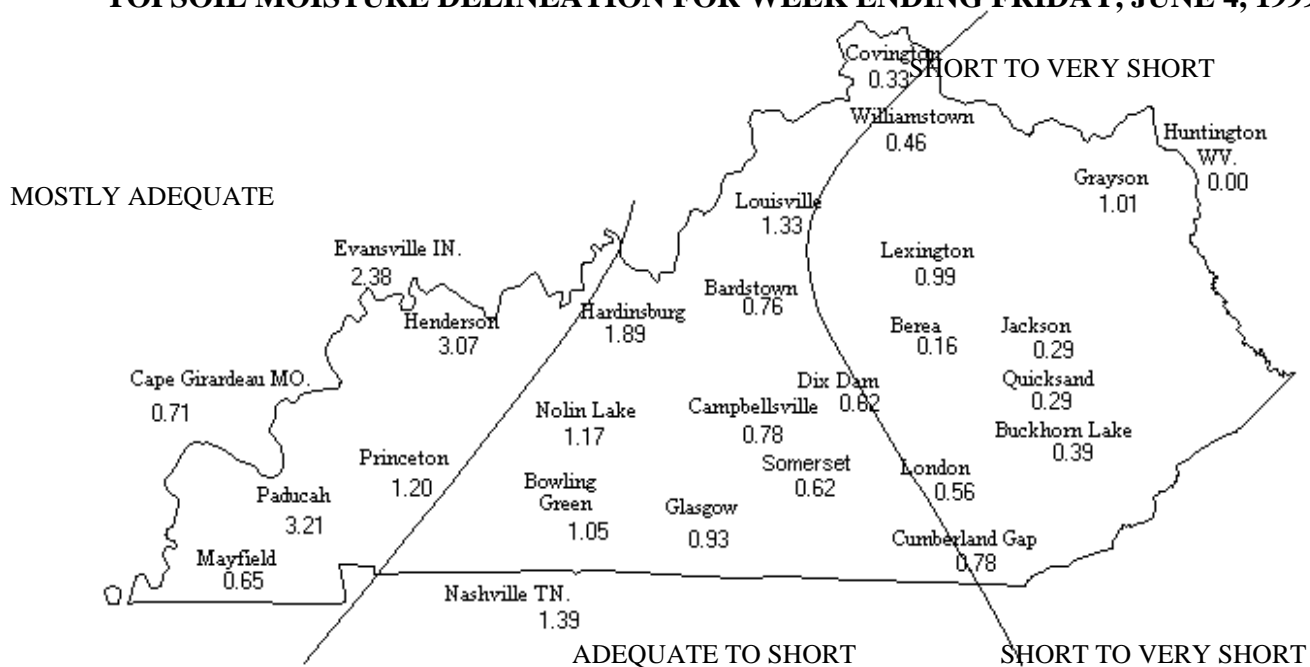
WITH COMPARISONS

	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	19	21
Short	37	29
Adequate	39	48
Surplus	5	2
<b>SUBSOIL</b>		
Very Short	18	19
Short	36	24
Adequate	40	55
Surplus	6	2

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING JUNE 4, 1999					WEEK ENDING MAY 28, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	1	1	20	56	22	0	2	14	55	29
Soybeans	0	1	18	60	21	0	0	12	57	31
Wheat	1	1	18	58	22	0	2	12	54	32
Pasture	3	14	32	42	9	1	15	24	46	14
Set Tobacco	1	5	33	48	13	1	7	23	50	19

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 6, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 4, 1999**



**KENTUCKY WEATHER SUMMARY, MAY 31 - JUNE 6, 1999:**  
**ABOVE NORMAL Temperatures...ABOVE NORMAL Rainfall West and Central and BELOW NORMAL Rainfall Bluegrass and East:**

Significant rainfall last week in Western and some Central sections of the state offset the lack of rainfall in the Bluegrass and Eastern sections such that the statewide rainfall was NEAR to SLIGHTLY ABOVE NORMAL. Bluegrass and Eastern (climate zones) sections continued in the moderate drought category according to the Palmer Drought Severity Index (PDSI). Temperatures for this past week averaged 74 degrees across the state which was 2 degrees ABOVE NORMAL and 10 degrees warmer than the final week of May 1999. High temperatures averaged from 86 in the West to 82 in the East. Departure from normal high temperatures ranged from 1 degree ABOVE NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Low temperatures averaged from 66 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 5 degrees ABOVE NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Extreme high temperatures were in the upper 80's to low 90''s and extreme low temperatures were in the upper 50's to low 60's. Rainfall for the week totaled 1.02 inches statewide which was 0.10 inches NEAR to SLIGHTLY ABOVE NORMAL. Precipitation totals by climate division, West 1.87 inches, Central 1.19 inches, Bluegrass 0.52 inches and East 0.49 inches, which was +0.98, +0.24, -0.38 and -0.44 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at Huntington to a high of 3.21 inches at Paducah.

Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL**  
**FOR WEEK ENDING SUNDAY, JUNE 6, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr.1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.76	7.22	1.77	-1.86	-2.13	88	58	73.3	+2	160	959	+62
Berea	0.16	6.77	3.37	-3.09	-0.83	88	56	72.8	+3	158	1005	+77
Bowling Green	1.05	6.02	2.26	-4.07	-2.08	91	63	76.2	+5	176	1058	+124
Bristol	0.54	5.41	1.48	-2.50	-2.00	88	53	70.4	+0	139	892	+62
Buckhorn Lake	0.39	6.77	1.91	-1.92	-1.84	86	54	70.4	+0	142	952	+134
Cape Girardeau	0.71	8.55	2.06	-1.76	-2.32	92	67	77.3	+4	180	1009	+38
Campbellsville	0.78	8.21	2.52	-2.55	-2.00	88	59	72.6	+2	156	1024	+102
Covington	0.33	5.27	1.93	-3.53	-1.88	91	58	72.4	+2	152	824	+30
Cumberland Gap	0.78	6.55	1.87	-3.19	-2.40	86	59	72.2	+2	154	947	+123
Dix Dam	0.62	6.40	2.60	-3.29	-1.50	83	44	69.2	-1	135	938	+41
Evansville	2.38	10.30	3.43	+0.83	-0.64	91	59	74.9	+2	168	930	+26
Glasgow	0.93	7.15	2.75	-3.38	-1.76	90	62	74.6	+4	168	1118	+250
Grayson	1.01	7.03	2.41	-1.63	-1.38	86	60	72.5	+2	156	970	+213
Hardinsburg	1.89	10.09	3.00	+0.15	-1.21	91	51	72.7	+2	154	961	+27
Henderson	3.07	11.12	4.52	+1.55	+0.53	92	61	75.6	+3	173	1012	+78
Huntington	0.00	4.40	1.54	-4.20	-2.22	91	55	73.6	+3	161	941	+117
Jackson	0.29	6.26	1.79	-3.08	-2.15	87	60	72.6	+2	156	962	+144
Lexington	0.99	4.56	1.56	-4.52	-2.34	89	57	72.4	+2	153	909	+109
London	0.56	7.26	1.92	-1.64	-1.83	85	58	71.9	+2	152	950	+126
Louisville	1.33	8.86	2.99	-0.68	-0.98	90	59	73.7	+3	162	960	+56
Mayfield	0.65	8.55	1.79	-2.18	-2.44	86	60	73.2	+0	161	1015	+20
Nashville	1.39	8.33	2.46	-1.63	-1.72	89	66	76.9	+6	182	1137	+136
Nolin Lake	1.17	7.26	2.59	-3.53	-2.08	91	60	75.1	+4	170	1023	+138
Paducah	3.21	12.77	4.00	+2.01	-0.32	92	63	77.0	+4	179	1030	+59
Princeton	1.20	10.41	2.31	-0.12	-1.98	92	64	77.9	+5	183	1129	+165
Quicksand	0.29	6.30	2.03	-3.04	-1.91	86	52	70.1	-0	139	957	+139
Somerset	0.62	11.37	3.35	+1.10	-1.10	86	58	70.4	+0	142	959	+68
Spindletop	0.55	3.77	1.30	-5.31	-2.60	89	57	72.9	+3	157	879	+79
Williamstown	0.46	3.68	1.05	-5.63	-2.83	90	57	72.9	+3	156	935	+135

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

# Crop Progress and Condition

Week Ending May 30, 1999

## Corn Percent Planted

State	May 30 1999	Prev Week	Prev Year	5-Yr Avg
CO	94	87	99	93
GA	100	100	100	100
IL	97	87	95	86
IN	99	98	89	80
IA	97	88	99	95
KS	95	84	99	93
<b>KY</b>	<b>98</b>	<b>96</b>	<b>86</b>	<b>87</b>
MI	94	85	95	84
MN	97	91	99	95
MO	89	65	97	83
NE	98	89	100	95
NC	98	93	94	99
OH	100	98	93	84
PA	93	83	84	79
SD	80	55	95	80
TX	99	95	99	99
WI	90	86	98	90
ALL	96	87	96	90
These 17 States planted 90% of last year's corn acreage.				

## Soybeans Percent Planted

State	May 30 1999	Prev Week	Prev Year	5-Yr Avg.
AL	55	34	65	56
AR	50	37	51	48
GA	46	30	50	46
IL	79	45	64	55
IN	91	78	66	57
IA	74	33	89	77
KS	35	19	83	55
<b>KY</b>	<b>65</b>	<b>44</b>	<b>34</b>	<b>29</b>
LA	82	63	84	71
MI	81	64	79	59
MN	78	41	96	80
MS	86	76	81	79
MO	52	20	68	45
NE	74	30	90	68
NC	38	23	41	40
OH	97	92	73	61
SC	41	29	36	31
SD	52	22	76	55
TN	47	26	31	30
ALL	71	44	74	61
These 19 States planted 93% of last year's soybean acreage.				

## Winter Wheat

## Percent Headed

State	May 30 1999	Prev Week	Prev Year	5-Yr Avg.
AR	100	100	100	100
CA	99	99	99	99
CO	70	50	73	68
GA	100	100	100	100
ID	3	1	8	9
IL	96	91	97	86
IN	98	78	98	72
KS	99	93	98	96
MI	46	7	79	17
MO	95	79	98	89
MT	0	0	20	4
NE	48	30	64	45
NC	100	100	100	100
OH	99	72	96	46
OK	100	99	100	100
OR	22	7	50	54
SD	7	1	24	12
TX	98	96	96	95
WA	16	5	61	50
ALL	80	72	85	78
These 19 States planted 91% of last year's winter wheat acreage.				